

(19) 世界知的所有権機関
国際事務局



(43) 国際公開日
2005 年 4 月 14 日 (14.04.2005)

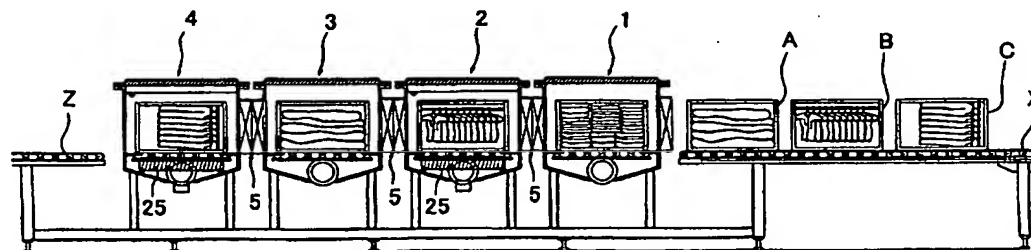
PCT

(10) 国際公開番号
WO 2005/033398 A1

- (51) 国際特許分類⁷: D06F 19/00 相模原市 上溝4488-2 株式会社スター・クラスター内 Kanagawa (JP).
- (21) 国際出願番号: PCT/JP2003/012791
- (22) 国際出願日: 2003 年 10 月 6 日 (06.10.2003)
- (25) 国際出願の言語: 日本語
- (26) 国際公開の言語: 日本語
- (71) 出願人 (米国を除く全ての指定国について): 株式会社スター・クラスター (STAR CLUSTER CO., LTD.) [JP/JP]; 〒229-1123 神奈川県 相模原市 上溝4488-2 Kanagawa (JP).
- (74) 代理人: 小山 有, 外(KOYAMA, Yuu et al.); 〒102-0083 東京都 千代田区 麹町5丁目7番 秀和紀尾井町TBRビル922号 Tokyo (JP).
- (81) 指定国 (国内): CA, CN, JP, KR, US.
- (84) 指定国 (広域): ヨーロッパ特許 (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).
- 添付公開書類:
— 国際調査報告書
- (72) 発明者; および
(75) 発明者/出願人 (米国についてのみ): 柴野 佳英 (SHIBANO, Yoshihide) [JP/JP]; 〒229-1123 神奈川県
- 2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

(54) Title: ULTRASONIC WASHING METHOD FOR CLOTHS

(54) 発明の名称: 衣類等の超音波洗浄方法



(57) Abstract: An ultrasonic washing method for cloths capable of efficiently and automatically performing a series of processings for washing such that, after following washing to be efficiently and automatically performed after the different types of cloths or a large volume of cloths are washed, these cloths are order arranged, comprising the steps of sortably storing the cloths in a washing basket (A) for storing the cloths by vertically suspending from hangers, a washing basket (B) for storing the cloths by holding to the hangers and laterally laying down in stacked state, and a washing basket (C) for storing the cloths by folding up and stacking on each other, inputting the baskets into a pre-processing chamber (1) and exhausting to remove gases such as air contained in the clearances in the cloths, applying a pretreatment to immerse the cloths in the washing fluid to the cloths by leading deaerated washing fluid into the pre-processing chamber (1), transferring the baskets into a washing tank (2) and deaerating dissolved gases from the cloths by circulating the washing fluid in the washing tank (2) while applying a washing treatment to wash the cloths by ultrasonic wave to the cloths, and after the washing processing is completed, transferring the baskets into a post-processing chamber (3) and performing a post-processing to rinse the cloths.

[続表有]

WO 2005/033398 A1